## **CLAIMS**

- 1. A composition comprising:
  - (A) a silicone oil, and
  - (B) a heat conductive filler,

with the provisos that component (A) is selected from the group consisting of silicone oils described by a general formula  $(A_1)$ ; silicone oils described by a general formula  $(A_2)$ ; silicone oils described by a general formula  $(A_3)$ ; mixtures of at least two of formulae  $(A_1)$ ,  $(A_2)$ , and  $(A_3)$ ; and a hydrosilylation reaction mixtures of formula  $(A_1)$  and formula  $(A_3)$ , where

formula (A<sub>1</sub>) is  $[R^1{}_aR^2{}_{(3-a)}SiO(R^1{}_bR^2{}_{(2-b)}SiO)_m(R^2{}_2SiO)_n]_cSiR^2{}_{[4-(c+d)]}(OR^3)_a$ , formula (A<sub>2</sub>) is

$$R^{2}$$
  $R^{2}$   $R^{2}$  , and

formula (A<sub>3</sub>) is  $[H_eR^2_{(3-e)}SiO(R^2_2SiO)_n]_eSiR^2_{[4-(c+d)]}(OR^3)_d$ , where

all instances of R<sup>1</sup> are identical or different monovalent hydrocarbon groups with aliphatically unsaturated bonds.

all instances of R<sup>2</sup> are identical or different monovalent hydrocarbon groups that do not have aliphatically unsaturated bonds,

R<sup>3</sup> stands for alkyl, alkoxyalkyl, alkenyl, or acyl,

"a" is an integer of 0 to 3,

"b" is 1 or 2,

"c" is an integer of 1 to 3,

"d" is an integer of 1 to 3,

"c+d" is an integer of 2 to 4,

"m" is an integer of 0 or greater,

"n" is an integer of 0 or greater,

with the proviso that "m" is 1 or greater when "a" is 0,

R<sup>4</sup> is an oxygen atom or divalent hydrocarbon group,

"p" is an integer of 5 or greater, and

- "e" is an integer of 1 to 3, and component (B) is surface treated with component (A).
- 2. The composition of claim 1, where component (B) is an alumina powder.
- 3. The composition of claim 1, where component (B) is selected from component ( $B_1$ ) or component ( $B_2$ ), where
- $(B_1)$  is a quasi-spherical alumina powder with an average particle size of 0.1 to 20  $\mu m$ ;
  - $(B_2)$  is a mixture of  $(B_{21})$  and  $(B_{22})$ , where
  - $(B_{21})$  is a quasi-spherical alumina powder with an average particle size of greater than 5 to 50  $\mu$ m, and
  - $(B_{22})$  is a quasi-spherical or irregular-shaped alumina powder with an average particle size of 0.1 to 5  $\mu$ m.
- 4. The composition of claim 3, where component  $(B_2)$  is 30 to 90 wt% of component  $(B_{21})$  and 10 to 70 wt% of component  $(B_{22})$ .
- 5. The composition of claim 1, where content of component (B) is 500 to 3,500 parts by weight per 100, parts by weight of component (A).
- 6. The composition of claim 1, where component (A) is a silicone oil selected from the group consisting of formula (A<sub>1</sub>) and formula (A<sub>3</sub>), and the composition further comprises (C) a component increasing the viscosity of component (A) via a hydrosilylation reaction, with the proviso that component (C) does not contain silicone oils corresponding to component (A).
- 7. Use of the composition of any of claims 1 to 6 to provide heat dissipation for an electronic component.